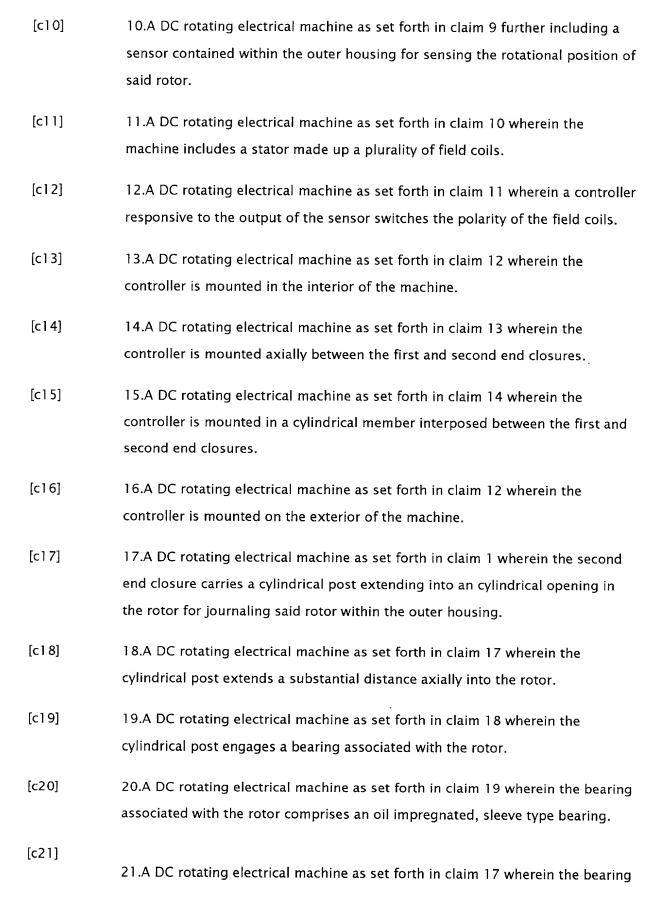
[c4]

Claims

[c1]	1.A DC rotating electrical machine comprised of an outer housing forming a
	stator of said DC rotating electrical machine, said outer housing being
	comprised of a generally cylindrical center section and affixed first and second
	end closures, a rotor journalled within said outer housing and extending
	through said first end closures for driving connection to a related rotating
	machine, said first end closure forming a cavity in which a substantial portion of
	said related rotating machine is contained.

- [c2] 2.A DC rotating electrical machine as set forth in claim 1 wherein a third end closure is affixed in closing relation to the cavity of the first end closure for containing the related rotating machine within the cavity of said first end closure.
- [c3] 3.A DC rotating electrical machine as set forth in claim 1 wherein the first and second end closures are axially spaced from each other and the second end closure is integrally formed with an axially extending cylindrical center section.
 - 4.A DC rotating electrical machine as set forth in claim 3 wherein the first end closure is in abutting relation to the axially extending cylindrical center section.
- [c5] 5.A DC rotating electrical machine as set forth in claim 3 wherein the first end closure is axially spaced from the axially extending cylindrical center section.
- [c6] 6.A DC rotating electrical machine as set forth in claim 5 wherein the machine includes a stator made up a plurality of field coils.
- [c7] 7.A DC rotating electrical machine as set forth in claim 6 wherein the plurality of field coils are wound around a laminated core.
- [c8] 8.A DC rotating electrical machine as set forth in claim 7 wherein a portion of the laminated core is exposed between the first and second end closures.
- [c9] 9.A DC rotating electrical machine as set forth in claim 1 wherein the DC rotating electrical machine is brushless.



[c22]	22.A DC rotating electrical machine as set forth in claim 17 wherein the cylindrical post is detachably connected to the second end closure.
[c23]	23.A DC rotating electrical machine as set forth in claim 22 wherein the bearing associated with the rotor comprises an oil impregnated, sleeve type bearing.
[c24]	24.A DC rotating electrical machine as set forth in claim 22 wherein the bearing associated with the rotor comprises an anti friction bearing.
[c25]	25.A DC rotating electrical machine as set forth in claim 21 wherein the cylindrical post is integrally formed with the second end closure.
[c26]	26.A DC rotating electrical machine as set forth in claim 1 in combination with a hydraulic powered steering booster and the DC rotating electrical machine comprises a motor and the associated machine is a hydraulic pump.
[c27]	27.A DC rotating electrical machine comprised of an outer housing forming a stator of said DC rotating electrical machine, said outer housing being comprised of a generally cylindrical center section closed at opposite ends by first and second end closures, a rotor within said outer housing and extending through said first end closures for driving connection to a related rotating machine, said second end closure carrying a cylindrical post extending into an cylindrical opening in said rotor for journalling said rotor within said outer housing.
[c28]	28.A DC rotating electrical machine as set forth in claim 27 wherein the cylindrical post extends a substantial distance axially into the rotor.
[c29]	29.A DC rotating electrical machine as set forth in claim 28 wherein the cylindrical post engages a bearing associated with the rotor.
[c30]	30.A DC rotating electrical machine as set forth in claim 29 wherein the bearing associated with the rotor comprises an oil impregnated, sleeve type bearing.
[c31]	31.A DC rotating electrical machine as set forth in claim 29 wherein the bearing

associated with the rotor comprises an anti friction bearing.

[c32] 32.A DC rotating electrical machine as set forth in claim 27 wherein the cylindrical post is detachably connected to the second end closure.

associated with the rotor comprises an anti friction bearing.

[c33] 33.A DC rotating electrical machine as set forth in claim 32 wherein the bearing associated with the rotor comprises an oil impregnated, sleeve type bearing.

[c34] 34.A DC rotating electrical machine as set forth in claim 32 wherein the bearing associated with the rotor comprises an anti friction bearing.

[c35] 35.A DC rotating electrical machine as set forth in claim 27 wherein the cylindrical post is integrally formed with the second end closure.